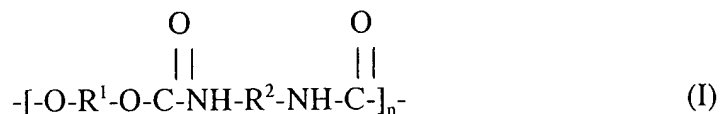


## ABSTRACT

A composite structure is disclosed. The structure includes one or several polyurethane layers, a support layer, in particular a textile support layer, as well as an optional adhesive layer placed between these layers. The composite structure is characterized in that at least one of the polyurethane layers contains a polyurethane having the formula (I)



wherein O-R<sup>1</sup>-O- is the radical of a polyole with primary and/or secondary hydroxyl functional end groups, R<sup>1</sup> and R<sup>2</sup> independently represent an organic radical which includes aliphatic, cycloaliphatic, aromatic and/or heterocyclic groups, and n is an integer number between 1 and 50,000. Also disclosed is a method of manufacturing the composite structure and its use as imitation leather.